1644

RAW SEQUENCE LISTING DATE: 07/25/2000
PATENT APPLICATION: US/09/483,672A TIME: 14:32:13

  Input Set : A:\42711c11.app
  Output Set: N:\CRF3\07252000\I483672A.raw

```
   3 <110> APPLICANT: Xu, Jiangchun
   4         Dillon, Davin C.
   5         Mitcham, Jennifer L.
   6         Harlocker, Susan Louise
   7         Jiang Yuqui
   8         Reed, Steven G.
   9         Kalos, Michael D.
  10         Fanger, Gary R.
  11         Retter, Marc W.
  12         Solk, John A.
  13         Day, Craig H.
  14         Skeiky, Yasir A.W.
  15         Wang, Aijun
  16         Meagher, Madeleine
  18 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
  19         DIAGNOSIS OF PROSTATE CANCER
  21 <130> FILE REFERENCE: 210121.42711C11
C--> 23 <140> CURRENT APPLICATION NUMBER: US/09/483,672A
  24 <141> CURRENT FILING DATE: 2000-01-14
  26 <160> NUMBER OF SEQ ID NOS: 590
  28 <170> SOFTWARE: FastSEQ for Windows Version 3.0


ERRORED SEQUENCES

7200 <210> SEQ ID NO: 378
7201 <211> LENGTH: 1719
7202 <212> TYPE: PRT
7203 <213> ORGANISM: Homo sapien
7205 <400> SEQUENCE: 378
7206 Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser Ser Val Lys Lys
7207 1               5                   10                  15
7208 Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys Cys Arg Cys Phe
7209             20                  25                  30
7210 Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly Thr Ser Gly Asp
7211         35                  40                  45
7212 His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys Met Gly Lys Trp
7213     50                  55                  60
7214 Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Asn Val
7215 65                  70                  75                  80
7216 Gly Ala Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Asn
7217                 85                  90                  95
7218 Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys Cys Arg Gly Ser
7219             100                 105                 110
7220 Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp Asp Ser Ala Phe
7221             115                 120                 125
7222 Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu Asp Lys Leu His
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```
RAW SEQUENCE LISTING              DATE: 07/25/2000
PATENT APPLICATION:  US/09/483,672A       TIME: 14:32:14

Input Set : A:\4271lcll.app
Output Set: N:\CRF3\07252000\I483672A.raw

7223      130                    135                    140
7224  Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp Leu Ile Val Met
7225  145                    150                 155                160
7226  Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln Lys Arg Thr Ala
7227                    165                    170                175
7228  Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val Val Lys Leu Leu
7229                    180                    185                190
7230  Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn Lys Lys Arg Thr
7231              195                    200                205
7232  Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu Cys Ala Leu Met
7233              210                    215                220
7234  Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp Glu Tyr Gly Asn
7235  225                    230                    235                240
7236  Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys Leu Met Ala Lys
7237                    245                    250                255
7238  Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys Asn Lys His Gly
7239              260                    265                270
7240  Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys Gln Gln Val Val
7241              275                    280                285
7242  Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala Leu Asp Arg Tyr
7243              290                    295                300
7244  Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly Ser Ala Ser Ile
7245  305                    310                    315                320
7246  Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser Ser Gln Asp Leu
7247                    325                    330                335
7248  Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser His His His Val
7249              340                    345                350
7250  Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln Met Leu Lys Ile
7251              355                    360                365
7252  Ser Ser Glu Asn Ser Asn Pro Glu Asn Val Ser Arg Thr Arg Asn Lys
7253              370                    375                380
7254  Pro Arg Thr His Met Val Val Glu Val Asp Ser Met Pro Ala Ala Ser
7255  385                    390                    395                400
7256  Ser Val Lys Lys Pro Phe Gly Leu Arg Ser Lys Met Gly Lys Trp Cys
7257                    405                    410                415
7258  Cys Arg Cys Phe Pro Cys Cys Arg Glu Ser Gly Lys Ser Asn Val Gly
7259              420                    425                430
7260  Thr Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr Leu Arg Ser Lys
7261              435                    440                445
7262  Met Gly Lys Trp Cys Arg His Cys Phe Pro Cys Cys Arg Gly Ser Gly
7263  450                    455                    460
7264  Lys Ser Asn Val Gly Ala Ser Gly Asp His Asp Ser Ala Met Lys
7265  465                    470                    475                480
7266  Thr Leu Arg Asn Lys Met Gly Lys Trp Cys Cys His Cys Phe Pro Cys
7267                    485                    490                495
7268  Cys Arg Gly Ser Gly Lys Ser Lys Val Gly Ala Trp Gly Asp Tyr Asp
7269              500                    505                510
7270  Asp Ser Ala Phe Met Glu Pro Arg Tyr His Val Arg Gly Glu Asp Leu
7271              515                    520                525
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                RAW SEQUENCE LISTING              DATE: 07/25/2000
                PATENT APPLICATION:  US/09/483,672A    TIME: 14:32:14

                Input Set : A:\4271lcll.app
                Output Set: N:\CRF3\07252000\I483672A.raw

7272   Asp Lys Leu His Arg Ala Ala Trp Trp Gly Lys Val Pro Arg Lys Asp
7273       530                 535                 540
7274   Leu Ile Val Met Leu Arg Asp Thr Asp Val Asn Lys Lys Asp Lys Gln
7275   545                 550                 555                 560
7276   Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly Asn Ser Glu Val
7277               565                 570                 575
7278   Val Lys Leu Leu Leu Asp Arg Arg Cys Gln Leu Asn Val Leu Asp Asn
7279           580                 585                 590
7280   Lys Lys Arg Thr Ala Leu Ile Lys Ala Val Gln Cys Gln Glu Asp Glu
7281       595                 600                 605
7282   Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro Asn Ile Pro Asp
7283       610                 615                 620
7284   Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Ile Tyr Asn Glu Asp Lys
7285   625                 630                 635                 640
7286   Leu Met Ala Lys Ala Leu Leu Leu Tyr Gly Ala Asp Ile Glu Ser Lys
7287               645                 650                 655
7288   Asn Lys His Gly Leu Thr Pro Leu Leu Leu Gly Val His Glu Gln Lys
7289           660                 665                 670
7290   Gln Gln Val Val Lys Phe Leu Ile Lys Lys Lys Ala Asn Leu Asn Ala
7291       675                 680                 685
7292   Leu Asp Arg Tyr Gly Arg Thr Ala Leu Ile Leu Ala Val Cys Cys Gly
7293       690                 695                 700
7294   Ser Ala Ser Ile Val Ser Leu Leu Leu Glu Gln Asn Ile Asp Val Ser
7295   705                 710                 715                 720
7296   Ser Gln Asp Leu Ser Gly Gln Thr Ala Arg Glu Tyr Ala Val Ser Ser
7297               725                 730                 735
7298   His His His Val Ile Cys Gln Leu Leu Ser Asp Tyr Lys Glu Lys Gln
7299           740                 745                 750
7300   Met Leu Lys Ile Ser Ser Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys
7301       755                 760                 765
7302   Leu Thr Ser Glu Glu Glu Ser Gln Arg Phe Lys Gly Ser Glu Asn Ser
7303       770                 775                 780
7304   Gln Pro Glu Lys Met Ser Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp
7305   785                 790                 795                 800
7306   Arg Glu Val Glu Glu Glu Met Lys Lys His Glu Ser Asn Asn Val Gly
7307               805                 810                 815
7308   Leu Leu Glu Asn Leu Thr Asn Gly Val Thr Ala Gly Asn Gly Asp Asn
7309           820                 825                 830
7310   Gly Leu Ile Pro Gln Arg Lys Ser Arg Thr Pro Glu Asn Gln Gln Phe
7311       835                 840                 845
7312   Pro Asp Asn Glu Ser Glu Glu Tyr His Arg Ile Cys Glu Leu Val Ser
7313       850                 855                 860
7314   Asp Tyr Lys Glu Lys Gln Met Pro Lys Tyr Ser Ser Glu Asn Ser Asn
7315   865                 870                 875                 880
7316   Pro Glu Gln Asp Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Leu
7317               885                 890                 895
7318   Glu Gly Ser Glu Asn Gly Gln Pro Glu Leu Glu Asn Phe Met Ala Ile
7319           900                 905                 910
7320   Glu Glu Met Lys Lys His Gly Ser Thr His Val Gly Phe Pro Glu Asn
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RAW SEQUENCE LISTING   DATE: 07/25/2000
PATENT APPLICATION: US/09/483,672A   TIME: 14:32:14

Input Set : A:\4271lcll.app
Output Set: N:\CRF3\07252000\I483672A.raw

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        7321         915                   920                   925
        7322  Leu Thr Asn Gly Ala Thr Ala Gly Asn Gly Asp Asp Gly Leu Ile Pro
        7323         930                   935                   940
        7324  Pro Arg Lys Ser Arg Thr Pro Glu Ser Gln Gln Phe Pro Asp Thr Glu
        7325  945                   950                   955                   960
        7326  Asn Glu Glu Tyr His Ser Asp Glu Gln Asn Asp Thr Gln Lys Gln Phe
        7327                  965                   970                   975
        7328  Cys Glu Glu Gln Asn Thr Gly Ile Leu His Asp Glu Ile Leu Ile His
        7329              980                   985                   990
        7330  Glu Glu Lys Gln Ile Glu Val Val Glu Lys Met Asn Ser Glu Leu Ser
        7331          995                   1000                  1005
        7332  Leu Ser Cys Lys Lys Glu Lys Asp Ile Leu His Glu Asn Ser Thr Leu
        7333          1010                  1015                  1020
        7334  Arg Glu Glu Ile Ala Met Leu Arg Leu Glu Leu Asp Thr Met Lys His
E-->    7335  1025                  1030                  1035         (104)/040
        7336  Gln Ser Gln Leu Pro Arg Thr His Met Val Val Glu Val Asp Ser Met
        7337                  1045                  1050                  1055
        7338  Pro Ala Ala Ser Ser Val Lys Lys Pro Phe Gly Leu Arg Ser Lys Met
        7339              1060                  1065                  1070
        7340  Gly Lys Trp Cys Cys Arg Cys Phe Pro Cys Cys Arg Glu Ser Gly Lys
        7341          1075                  1080                  1085
        7342  Ser Asn Val Gly Thr Ser Gly Asp His Asp Asp Ser Ala Met Lys Thr
        7343          1090                  1095                  1100
        7344  Leu Arg Ser Lys Met Gly Lys Trp Cys Arg His Cys Phe Pro Cys Cys
E-->    7345  1105                  1110                  1115         (112)/120
        7346  Arg Gly Ser Gly Lys Ser Asn Val Gly Ala Ser Gly Asp His Asp Asp
        7347                  1125                  1130                  1135
        7348  Ser Ala Met Lys Thr Leu Arg Asn Lys Met Gly Lys Trp Cys Cys His
        7349              1140                  1145                  1150
        7350  Cys Phe Pro Cys Cys Arg Gly Ser Gly Lys Ser Lys Val Gly Ala Trp
        7351          1155                  1160                  1165
        7352  Gly Asp Tyr Asp Asp Ser Ala Phe Met Glu Pro Arg Tyr His Val Arg
        7353          1170                  1175                  1180
        7354  Gly Glu Asp Leu Asp Lys Leu His Arg Ala Ala Trp Trp Gly Lys Val
E-->    7355  1185                  1190                  1195         (120)/200
        7356  Pro Arg Lys Asp Leu Ile Val Met Leu Arg Asp Thr Asp Val Asn Lys
        7357                  1205                  1210                  1215
        7358  Lys Asp Lys Gln Lys Arg Thr Ala Leu His Leu Ala Ser Ala Asn Gly
        7359              1220                  1225                  1230
        7360  Asn Ser Glu Val Val Lys Leu Leu Leu Asp Arg Arg Cys Gln Leu Asn
        7361          1235                  1240                  1245
        7362  Val Leu Asp Asn Lys Lys Arg Thr Ala Leu Ile Lys Ala Val Gln Cys
        7363          1250                  1255                  1260
        7364  Gln Glu Asp Glu Cys Ala Leu Met Leu Leu Glu His Gly Thr Asp Pro
E-->    7365  1265                  1270                  1275         (128)/280
        7366  Asn Ile Pro Asp Glu Tyr Gly Asn Thr Thr Leu His Tyr Ala Ile Tyr
        7367                  1285                  1290                  1295
        7368  Asn Glu Asp Lys Leu Met Ala Lys Ala Leu Leu Leu Tyr Gly Ala Asp
        7369              1300                  1305                  1310
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                RAW SEQUENCE LISTING              DATE: 07/25/2000
                PATENT APPLICATION:  US/09/483,672A      TIME: 14:32:14

                Input Set : A:\4271lcll.app
                Output Set: N:\CRF3\07252000\I483672A.raw

      7370   Ile Glu Ser Lys Asn Lys His Gly Leu Thr Pro Leu Leu Leu Gly Val
      7371          1315              1320              1325
      7372   His Glu Gln Lys Gln Gln Val Val Lys Phe Leu Ile Lys Lys Lys Ala
      7373          1330              1335              1340
      7374   Asn Leu Asn Ala Leu Asp Arg Tyr Gly Arg Thr Ala Leu Ile Leu Ala
E--> 7375   1345              1350              1355               136
      7376   Val Cys Cys Gly Ser Ala Ser Ile Val Ser Leu Leu Leu Glu Gln Asn
      7377          1365              1370              1375
      7378   Ile Asp Val Ser Ser Gln Asp Leu Ser Gly Gln Thr Ala Arg Glu Tyr
      7379          1380              1385              1390
      7380   Ala Val Ser Ser His His His Val Ile Cys Gln Leu Leu Ser Asp Tyr
      7381          1395              1400              1405
      7382   Lys Glu Lys Gln Met Leu Lys Ile Ser Ser Glu Asn Ser Asn Pro Glu
      7383          1410              1415              1420
      7384   Gln Asp Leu Lys Leu Thr Ser Glu Glu Glu Ser Gln Arg Phe Lys Gly
E--> 7385   1425              1430              1435               144
      7386   Ser Glu Asn Ser Gln Pro Glu Lys Met Ser Gln Glu Pro Glu Ile Asn
      7387          1445              1450              1455
      7388   Lys Asp Gly Asp Arg Glu Val Glu Glu Glu Met Lys Lys His Glu Ser
      7389          1460              1465              1470
      7390   Asn Asn Val Gly Leu Leu Glu Asn Leu Thr Asn Gly Val Thr Ala Gly
      7391          1475              1480              1485
      7392   Asn Gly Asp Asn Gly Leu Ile Pro Gln Arg Lys Ser Arg Thr Pro Glu
      7393          1490              1495              1500
      7394   Asn Gln Gln Phe Pro Asp Asn Glu Ser Glu Glu Tyr His Arg Ile Cys
E--> 7395   1505              1510              1515               152
      7396   Glu Leu Val Ser Asp Tyr Lys Glu Lys Gln Met Pro Lys Tyr Ser Ser
      7397          1525              1530              1535
      7398   Glu Asn Ser Asn Pro Glu Gln Asp Leu Lys Leu Thr Ser Glu Glu Glu
      7399          1540              1545              1550
      7400   Ser Gln Arg Leu Glu Gly Ser Glu Asn Gly Gln Pro Glu Lys Arg Ser
      7401          1555              1560              1565
      7402   Gln Glu Pro Glu Ile Asn Lys Asp Gly Asp Arg Glu Leu Glu Asn Phe
      7403          1570              1575              1580
      7404   Met Ala Ile Glu Glu Met Lys Lys His Gly Ser Thr His Val Gly Phe
E--> 7405   1585       ·       1590              1595               160
      7406   Pro Glu Asn Leu Thr Asn Gly Ala Thr Ala Gly Asn Gly Asp Asp Gly
      7407          1605              1610              1615
      7408   Leu Ile Pro Pro Arg Lys Ser Arg Thr Pro Glu Ser Gln Gln Phe Pro
      7409          1620              1625              1630
      7410   Asp Thr Glu Asn Glu Glu Tyr His Ser Asp Glu Gln Asn Asp Thr Gln
      7411          1635              1640              1645
      7412   Lys Gln Phe Cys Glu Glu Gln Asn Thr Gly Ile Leu His Asp Glu Ile
      7413          1650              1655              1660
      7414   Leu Ile His Glu Glu Lys Gln Ile Glu Val Val Glu Lys Met Asn Ser
E--> 7415   1665              1670              1675               168
      7416   Glu Leu Ser Leu Ser Cys Lys Lys Glu Lys Asp Ile Leu His Glu Asn
      7417          1685              1690              1695
      7418   Ser Thr Leu Arg Glu Glu Ile Ala Met Leu Arg Leu Glu Leu Asp Thr
```

sane
type of error

```
            RAW SEQUENCE LISTING                    DATE: 07/25/2000
            PATENT APPLICATION:  US/09/483,672A      TIME: 14:32:14

            Input Set : A:\42711cl1.app
            Output Set: N:\CRF3\07252000\I483672A.raw

 7419                1700           1705           1710
 7420   Met Lys His Gln Ser Gln Leu
 7421        ·   1715
10356   <210> SEQ ID NO: 525
10357   <211> LENGTH: 254
10358   <212> TYPE: PRT
10359   <213> ORGANISM: Homo sapien
10361   <400> SEQUENCE: 525
10362   Met Ala Thr Ala Gly Asn Pro Trp Gly Trp Phe Leu Gly Tyr Leu Ile
10363    1               5              10              15
10364   Leu Gly Val Ala Gly Ser Leu Val Ser Gly Ser Cys Ser Gln Ile Ile
10365              20              25              30
10366   Asn Gly Glu Asp Cys Ser Pro His Ser Gln Pro Trp Gln Ala Ala Leu
10367          35              40              45
10368   Val Met Glu Asn Glu Leu Phe Cys Ser Gly Val Leu Val His Pro Gln
10369        50              55              60
10370   Trp Val Leu Ser Ala Ala His Cys Phe Gln Asn Ser Tyr Thr Ile Gly
10371   65              70              75              80
10372   Leu Gly Leu His Ser Leu Glu Ala Asp Gln Glu Pro Gly Ser Gln Met
10373              85              90              95
10374   Val Glu Ala Ser Leu Ser Val Arg His Pro Glu Tyr Asn Arg Pro Leu
10375              100             105             110
10376   Leu Ala Asn Asp Leu Met Leu Ile Lys Leu Asp Glu Ser Val Ser Glu
10377          115             120             125
10378   Ser Asp Thr Ile Arg Ser Ile Ser Ile Ala Ser Gln Cys Pro Thr Ala
10379        130             135             140
10380   Gly Asn Ser Cys Leu Val Ser Gly Trp Gly Leu Leu Ala Asn Gly Arg
10381   145             150             155             160
10382   Met Pro Thr Val Leu Gln Cys Val Asn Val Ser Val Val Ser Glu Glu
10383              165             170             175
10384   Val Cys Ser Lys Leu Tyr Asp Pro Leu Tyr His Pro Ser Met Phe Cys
10385              180             185             190
10386   Ala Gly Gly Gly Gln Asp Gln Lys Asp Ser Cys Asn Gly Asp Ser Gly
10387          195             200             205
10388   Gly Pro Leu Ile Cys Asn Gly Tyr Leu Gln Gly Leu Val Ser Phe Gly
10389        210             215             220
10390   Lys Ala Pro Cys Gly Gln Val Gly Val Pro Gly Val Tyr Thr Asn Leu
10391   225             230             235             240
10392   Cys Lys Phe Thr Glu Trp Ile Glu Lys Thr Val Gln Ala Ser
E-->10393 245 250
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                VERIFICATION SUMMARY            DATE: 07/25/2000
                PATENT APPLICATION:  US/09/483,672A    TIME: 14:32:16

                Input Set : A:\42711cll.app
                Output Set: N:\CRF3\07252000\I483672A.raw

L:23 M:270 C: Current Application Number differs, Wrong Format
L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:52 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:78 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:79 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:230 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
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```
                    VERIFICATION SUMMARY              DATE: 07/25/2000
                    PATENT APPLICATION:  US/09/483,672A      TIME: 14:32:16

                    Input Set : A:\4271lcl1.app
                    Output Set: N:\CRF3\07252000\I483672A.raw

L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:698 M:283 W: Missing Blank Line separator, <210> field identifier
L:1467 M:283 W: Missing Blank Line separator, <400> field identifier
L:7335 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:378
M:332 Repeated in SeqNo=378
L:10018 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:502
L:10018 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:502
L:10018 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:502
L:10018 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:502
L:10018 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:502
L:10019 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:502
L:10019 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:502
L:10019 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:502
L:10019 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:502
M:340 Repeated in SeqNo=502
L:10020 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:502
L:10020 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:502
L:10020 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:502
L:10020 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:502
L:10021 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:502
L:10021 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:502
L:10021 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:502
L:10021 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:502
L:10023 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:502
L:10023 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:502
L:10023 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:502
L:10023 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:502
L:10031 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:503
L:10031 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:503
L:10031 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:503
L:10031 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:503
L:10031 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:503
L:10032 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:503
L:10032 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:503
L:10032 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:503
L:10032 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:503
M:340 Repeated in SeqNo=503
L:10033 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:503
L:10033 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:503
L:10033 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:503
L:10033 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:503
L:10035 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:503
L:10035 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:503
L:10035 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:503
L:10035 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:503
L:10036 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:503
L:10036 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:503
```

VERIFICATION SUMMARY   DATE: 07/25/2000
PATENT APPLICATION: US/09/483,672A   TIME: 14:32:16

Input Set : A:\42711cll.app
Output Set: N:\CRF3\07252000\I483672A.raw

```
L:10036 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:503
L:10036 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:503
L:10037 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:503
L:10037 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:503
L:10037 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:503
L:10037 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:503
L:10107 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:508
L:10107 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:508
L:10107 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:508
L:10107 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:508
L:10107 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:508
L:10393 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:525
```